

NIH151.001C1



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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Merril)	Group Art Unit: Unknown
)	
App. No.	:	09/976,667)	
)	
Filed	:	October 10, 2001)	
)	
For	:	HIGH SENSITIVITY PHAGE)	
		DISPLAY BIOMOLECULE)	
		DETECTION)	
)	
Examiner	:	Unknown)	
)	

INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

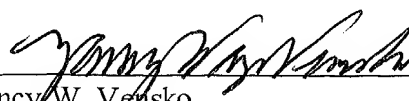
Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 3/26/02

By: 
Nancy W. Vensko
Registration No. 36,298
Attorney of Record
620 Newport Center Drive
Sixteenth Floor
Newport Beach, CA 92660
(805) 547-5585

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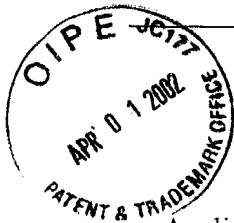
APR 26 2002

TECH CENTER 1600/2900

PATENT

Case Docket No. NIH151.001C1

Date: March 27, 2002



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Merrill
Appl. No. : 09/976,667 ✓
Filed : October 10, 2001
For : HIGH SENSITIVITY PHAGE
DISPLAY BIOMOLECULE
DETECTION
Examiner : Unknown
Group Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: United States Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202, on

March 27, 2002

(Date)

Nancy W. Vensko, Reg. No. 36,298

TRANSMITTAL LETTER

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

ATTENTION: APPLICATION BRANCH

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with sixteen (16) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Nancy W. Vensko
Registration No. 36,298
Attorney of Record

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
NIH151.001C1APPLICATION NO.
09/976,667INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
MerrilFILING DATE
October 10, 2001GROUP
Unknown

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1.	5,223,409	6/29/93	Ladner et al.			
	2.	5,702,892	12/30/97	Mulligan-Kehoe			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	3.	0844306	5/27/98	European Patent Office				
	4.	0617737	1/15/97	European Patent Office				
	5.	97/22972	6/26/97	WO				
	6.	97/00329	1/3/97	WO				
	7.	98/15833	4/16/98	WO				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	8.	Aujame, L., et al. (1997) High affinity human antibodies by phage display. Human Antibodies 8(4):155-168.
	9.	Barbas, C. F., et al. (1991) Assembly of combinatorial antibody libraries on phage surfaces: The gene III site. PNAS 88:7978-7982.
	10.	Bradbury, A. (1997) Meeting Report Recent advances in phage display: the report of the Phage Club first meeting. Immunotechnology 3:227-231.
	11.	Chester, K. A., et al. (March 27-30, 1994) A High Affinity Anti-CEA scFv for Tumour Targeting Produced in Filamentous Phage. Br. J. Cancer 69(Suppl 21):15.
	12.	Hagag, N. G., et al. (1990) Molecular Cloning of Proteinase-Encoding Genes from Cancer Cells by Zymogen Assay and Direct Sequencing. Anal. Biochem. 191:235-241.
	13.	Merz, D. C., et al. (1995) Generating a phage display antibody library against an identified neuron. J. Neuroscience Methods 62:213-219.
	14.	Nissim, A., et al. (1994) Antibody fragments from a 'single pot' phage display library as immunochemical reagents. EMBO J. 13(3):692-698.
	15.	Persson, M. A., et al. (1991) Generation of diverse high-affinity human monoclonal antibodies by repertoire cloning. PNAS 88:2432-2436.
	16.	Watkins, J. D., et al. (1998) Discovery of Human Antibodies to Cell Surface Antigens by Capture Lift Screening of Phage-Expressed Antibody Libraries. Analytical Biochem. 256:169-177.

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EXAMINER	DATE CONSIDERED
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